



FIG. 1

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graph TD; Stream[Stream] --> 80[80 - Separate symbols into blocks of n symbols each]; 80 --> 82[82 - Encode block of symbols with an orthogonal code to form code matrix B0]; 82 --> 86[86 - Multiply orthogonal code matrix B0 with transformation L to generate B]; 86 --> 88[88 - Apply the signals of B To Control Relative Amounts of Beamforming & Orthogonal Coding in Signals From Antennae]; 88 --> Antennae[Antennae]; Input[λ] --> 84[84 - Compute transformation matrix L]; 84 --> 86;
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The flowchart illustrates the process of beamforming. It begins with an input 'Stream' entering block 80, 'Separate symbols into blocks of n symbols each'. Block 80 leads to block 82, 'Encode block of symbols with an orthogonal code to form code matrix B_0 '. Block 82 leads to block 86, 'Multiply orthogonal code matrix B_0 with transformation L to generate B'. Block 86 leads to block 88, 'Apply the signals of B To Control Relative Amounts of Beamforming & Orthogonal Coding in Signals From Antennae'. Block 88 leads to the 'Antennae'. A separate input λ enters block 84, 'Compute transformation matrix L'. Block 84 leads to block 86.

FIG. 2